

Project Number:		Shop/Operation:	
Project Title: Dual-Component Paint System			
Current Practice and Baseline:			
New Process: <p>Paint shops should purchase an automated two-component paint mixing system. These systems provide proper mixing and precise generation of paint and consequently generate minimal waste. These systems can also keep pace with higher production requirements. They mix on demand (i.e., as the gun is triggered), which results in no significant quantities of wasted materials other than the residual materials in the system's supply hoses. Material cleanup requires less labor and maintenance, and generates less waste because the mixed material can be purged with solvent from the mix manifold, mixer, hose, and applicator before it cures. The dual-component proportioning system is a closed system and, as a result, there are fewer spills, less contamination or waste to clean up, and less contact between personnel and potentially hazardous materials. In addition, the proportioning system makes bulk purchase of material practical.</p>			
Benefits: <ul style="list-style-type: none"> • Dual-component proportioning system provides control of materials from container to application • Reduced hazardous waste • The use of cleanup solvents is minimized • Less potential for spills • Less contact between personnel and potentially hazardous materials 			
Potential Mission Impacts/TO Requirements:			
Goal: Hazardous waste			
Assumptions: <u>General:</u> 1 quart of mixed paint weighs: <u>Current Practice:</u> Mixed paint disposal cost: Paint usage cost: Painters labor cost: <u>Project Costs:</u> Equipment: <u>Annual Project Costs:</u> Mixed paint disposal: Reduced paint consumption: Reduced labor:			
Annual Cost Of Current Practice Materials: Labor: Waste: TOTAL:		Capital Project Costs: Equipment: Installation: TOTAL:	
		Annual Project Costs: Materials: Labor: Waste: TOTAL:	
Expected Annual Savings:			Payback:

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Vendor Information/Implementation Assistance: Graco Inc. http://www.graco.com POC: Debra Dabay (800) 328-0211 <i>20% off these prices</i> Hydrocat - basic system 1:1 mixing; 1.5 gal/min \$8,000 Promix – variable system 1:1 to 1:20 mixing option; 3 pumps \$27,995					
Relco Engineers (distributor) 800-959-0894 POC: John Schaeffer Graco Promix \$20,000 (not including accessories) ITW Ransburg Unit (similar to Graco Promix due out 2/26/99) \$15,000					
Mattson Spray Equipment http://www.mattsonspray.com 800-877-4857 Autopilot Inline Proportioner- delivers paint and activator in the proper ratios; mobile unit \$14,000					
Pump and Equipment, Inc. \$20,000 Model: System 97399					
TOTAL SCORE:	Goal:	Env Impact:	Compliance:	Tech Feas:	Cost:
Recommended Action Plan:					
Activity				OPR	Completion Date
1. Review vendor specifications					
2. Determine system requirements					
3. Select equipment					
4. Submit funding request					
5. Procure equipment					
6. Train painters in use of new equipment					